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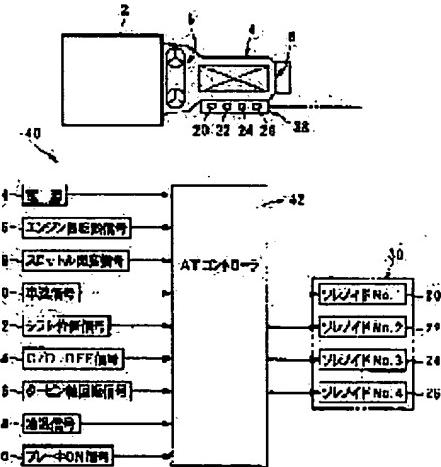
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## (54) GEAR CHANGE CONTROLLER OF AUTOMATIC TRANSMISSION

### (57) Abstract:

**PROBLEM TO BE SOLVED:** To solve a problem of delay in the rise of hydraulic pressure by controlling an automatic transmission in such a manner that a gear is changed to the second speed only for a set time when oil pressure ensuring control execution conditions are satisfied when an engine is started.

**SOLUTION:** A gear change controller 40 of an automatic transmission 4 controls the automatic transmission 4 by a control means 42 in such a manner that a gear is changed to the second speed only for a set time t when hydraulic pressure ensuring control execution conditions are satisfied when an engine 2 is started. Whether the hydraulic pressure ensuring control execution conditions are satisfied or not is judged based on a shift position signal input from a shift position switch 52, an engine rotation signal input from an engine rotation sensor 46, a turbine rotation number signal of a torque converter 6 which is input from a turbine shaft rotation number sensor 56, a throttle opening degree signal input from a throttle opening degree sensor 48, and a brake ON signal input from a brake switch 60. Consequently delay in the rise of hydraulic pressure in a hydraulic circuit which supplies hydraulic pressure does not occur.



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